Technical Data Sheet

Hostacom ERC 475L NAT

Polypropylene Compounds

Product Description

Hostacom ERC 475L nat is a 28% mineral filled PP copolymer with medium melt flow rate.
The product exhibits a very low shrinkage close to ABS and an excellent impact strength. The material is not intended for medical, pharmaceutical or drinking water applications.

Status	Commercial: Active
Availability	Europe
Application	White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	12	g/10 min	ISO 1133
Melt Volume Flow Rate, (230 °C/2.16 kg)	13	cm³/10 min	ISO 1133
Density, (23 °C)	1.11	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1900	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	1900	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	21	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	6	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	30	kJ/m²	ISO 179-1/1eA
(0 °C)	9	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	no break	kJ/m²	ISO 179-1/1eU
(0 °C)	80	kJ/m²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B/50 N)	50	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	90	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2